

UniOP eTOP506

The UniOP eTOP Series 500 HMI products combine state-of-the-art features and top performance with an oustanding design. They are the ideal choice for all demanding HMI applications including factory and building automation. The eTOP506 features a bright 5.7" TFT display with a fully dimmable LED backlight. The JMobile software offers full vector graphic capabilities and plenty of connectivity options.



- 5.7" TFT color display, LED backlight
- 320x240 pixel (QVGA) resolution, 64K colors
- Resistive touchscreen
- 2 Ethernet ports with switch function
- 2 USB Host ports
- SD Card Slot
- Connection to fieldbus systems and I/O using optional plug-in modules
- Slim design. Mounting depth less than 50mm

Highlights

The eTOP Series 500 HMI panels have been designed to run the JMobile software.

- JMobile runtime included. Full compatibility with JMobile Studio.
- Full vector graphic support. Native support of SVG graphic objects. Trasparency and alpha blending.
- Full object dynamics: control visibility and transparency, move, resize, rotate any object on screen. Change properties of basic and complex objects.
- TrueType fonts
- Multilanguage applications. Easily create and manage your applications in multiple languages to meet global requirements. Far East languages are supported. Tools available in JMobile Studio support easy third-party translations and help reducing development and maintenance costs of the application
- Data display in numerical, text, bargraph, analog gauges and graphic image formats.
- Rich set of state-of-the-art HMI features: data acquisition, alarm handling, scheduler and timed actions (daily and weekly schedulers, exception dates), recipes, users and passwords, e-mail and RSS feeds, rotating menus

- Includes support for a wide range of communication drivers for Factory and Building Automation systems.
- Multiple drivers communication capability.
- Remote monitoring and control. Client-Server functionality. Mobile clients supported.
- Remote maintenance and support with VNC-based functionality.
- Off-line simulation of the HMI application with JMobile Studio.
- Powerful scripting language for automating HMI applications. Script debugging improves efficiency in application development.
- Rich gallery of symbols and objects
- Project templates
- Optional plug-in modules for fieldbus systems, I/O and controllers.
- Display backlight dimmable to 0%

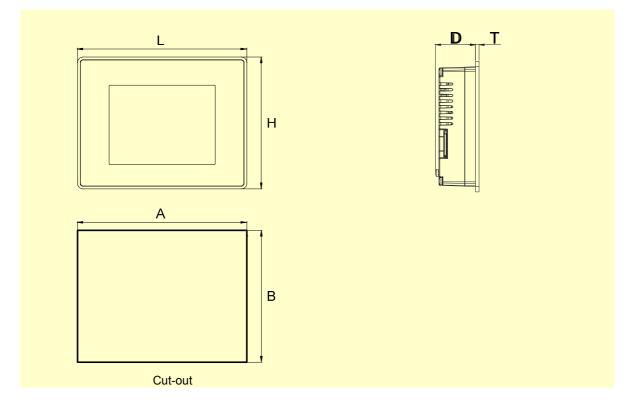


Technical Data

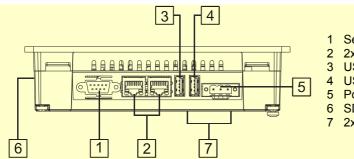
Display TypeTFT SecolutionHardware Real Time ClockYes, with battery back-up Yes, with battery back-upTypeTFT Resolution320x240, QVGA SCreene saverScreene saver BuzzerYesActive display area Colors5.7" diagonal 64K BacklightED BacklightScreene saver BuzzerYes, audible feedback for touchscreenBightness Dimming200 Cd/m² typ.Power supply voltage Current consumption Fuse24 Vdc (10 to 32 Vdc) 0.65A at 24Vdc(max.)System Resources Operating System User memory RAMMicrosoft Windows CE 6.0 128 MB Flash 256 MB DDRRatings Power supply voltage Current consumption Fuse24 Vdc (10 to 32 Vdc) 0.65A at 24Vdc(max.)Operator Interface TouchscreenAnalog resistive 1 (dual color)Environmental Conditions0 to 50 °C (vertical installation) -20 to +70 °C 0 to 50 °C (vertical installation) -20 to +70 °CInterface Ethernet2 10/100 Mbit with integrated SwitchDimensions Faceplate LxH Cutout AxBVB2 Host Interface (1 version 2.0, 1 version 2.0 and 1.1)Dimensions Faceplate LxH 0 to classSerialRS-232, RS-485, RS-422, software configurable 2 Optional plug-in SD Card SlotDimensions Faceplate LxH 0 to to 30x5.35")Puprovals Cutout AxB <th></th> <th></th> <th></th> <th></th>				
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	Functionality			Emission
		Vac includes SVC support	CE	
	Object dynamics			
size, rotation for most object EN 61000-6-2				
types. for installation in industrial				
TrueType fonts Yes environments				environments
Multiple driver Yes	•	res		
communication DNV DNV Type Approval Certificate			DNV	UNV Type Approval Certificate
Data acquisition and Yes. Flash memory storage				
trend presentation limited only by available UL UL508 Listed	trend presentation		UL	
memory Haz. Loc. Class I, Division 2,				
Multilanguage Yes, with runtime language Groups A,B,C and D.	Multilanguage			Groups A,B,C and D.
switching.	_ .			
Recipes Yes. Flash memory storage C-Tick C-Tick mark	Recipes		C-Tick	C-Tick mark
limited only by available				
memory				
Alarms Yes				
Historical event list Yes				
Users and passwords Yes	Users and passwords	Yes		



Dimensions



Connections



- Serial Port
 2x Ethernet Port
 USB port (version 2.0 1.1)
 USB port (version 2.0 High speed only)
 Power Supply
 SD Card Slot
 2x Evenesia slat for Division module

- 7 2x Expansion slot for Plugin module



Ordering Information

Model	Part Number	Description
eTOP506-White	ETOP506U1P1	5.7" TFT color touchscreen with Ethernet and USB interfaces. White
		front panel. JMobile run-time.
eTOP506-Grey	ETOP506U2P1	5.7" TFT color touchscreen with Ethernet and USB interfaces. Grey
		front panel. JMobile run-time.
eTOP506-Black	ETOP506U3P1	5.7" TFT color touchscreen with Ethernet and USB interfaces. Black
		front panel. JMobile run-time.
PROTFOIL-07-GL	R-PROT12	Disposable protection foil for 5.7" and 7" eTOP touch panels (10
		pieces).
PROTFOIL-07-UV	R-PROT18	Disposable protection foil for 5.7" and 7" eTOP touch panels (10
		pieces), UV resistant.